






Open Frame Indbygningsmodel TFT Skærm		<p>Indbygningsmodel fås i flere størrelse. Høj skærmopløsning. Speciel model for særlige krav om hygiejne kan leveres med vægbeslag.</p>
Desktop Bordmodel TFT Skærm		<p>Standard bordmodel med høj skærm opløsning</p>
Touch		<p>Tochskærme kan påbygges alle open frame TFT skærme. Kan også leveres monteret på desktop skærme</p>
Industri PC		<p>Industri PC kan være i drift døgnet rundt. CPUen er en Celeron/mobil med standby og sleep funktion. Fanless og med lavt strømforbrug.</p>
Extender		<p>En Extender giver dig mulighed for at forlænge tastatur, monitor og mus fra din computer. Du kan evt. vælge at flytte dine computere til sikre rum. Flere modeller</p>

Open Frame LCD

12.1"

Specifications

Model Name	GM 1120000
Viewable Size Image	12.1"
Active Display Area(mm)	245.76(H)x184.32(V)
Pixel Pitch(mm)	0.240(H)x0.240(V)(typ.)
Number of Pixels	1024x768
Contrast Ratio	300:1(typ.)
Display Color	262,144(6bit/colors)
Brightness(cd/m ²)	300
Viewing Angle(CR>=10)	-60~60(H);-50~40(V)(typ.)
Synchronization Range	31.5~60.0KHz/60~75Hz
Horizontal/Vertical	
Recommended Resolution	1024x768@60Hz,75Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	18W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video, Composite
Optional DVI Input	No
Optional Touch Screen	Resistive, Capacitive, SAW, IR

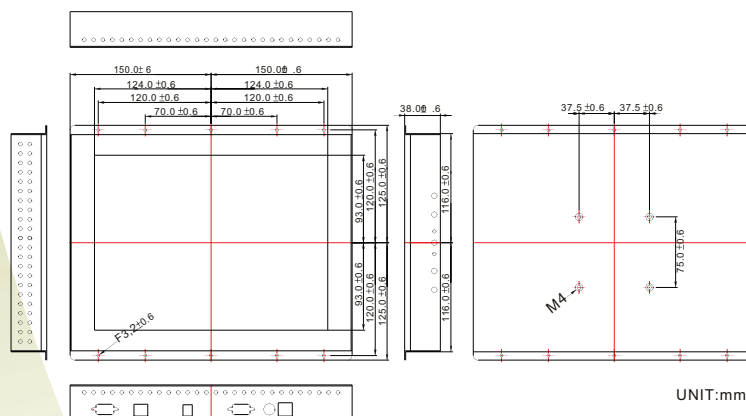
Remarks: GM 1120000, series= VGAinput only

GM 1120000, series= VGA+VideoInput

*Optional Touch Screen requires different mechanical design.



Mechanical Drawing



Panel Mount LCD

12.1"

Specifications

RoHS
 COMPLIANT
 2002/95/EC

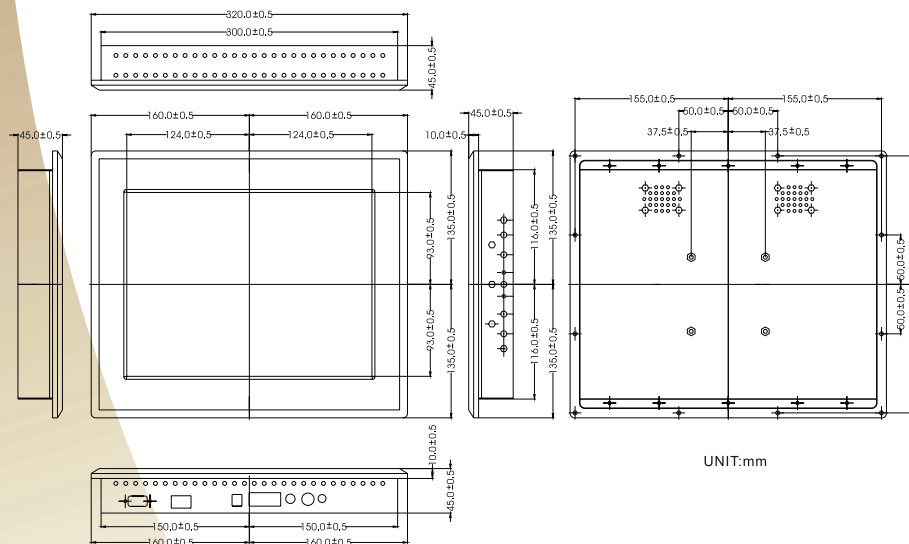
Model Name	GM 1120000 ALU
Viewable Size Image	12.1"
Active Display Area(mm)	246.0(H)x184.5(V)
Pixel Pitch(mm)	0.3075(H)x0.3075(V)
Number of Pixels	800x600
Contrast Ratio	200:1 (typ.)
Display Color	262144(6bit/colors)
Brightness(cd/m ²)	300(typ.)
Viewing Angle(CR>=10)	-60~60(H); -55~40(V)(typ.)
Synchronization Range	31.5~46.9KHz/60~75Hz
Horizontal/Vertical	
Recommended Resolution	800x600@60Hz, 75Hz
Signal Connector	15 pin D-sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	15W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video, Composite
Optional DVI Input	No
Optional Touch Screen	Resistive, Capacitive, SAW, IR

Remarks: GM 1120000 ALU= VGA input only

GM 1120000 ALU= VGA+Video Input



Mechanical Drawing



Open Frame LCD

15"

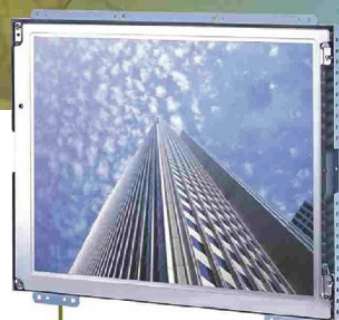
Specifications

Model Name	GM 11200001
Viewable Size Image	15"
Active Display Area(mm)	304.128(H)x228.096(V)
Pixel Pitch(mm)	0.297(H)x0.297(V)
Number of Pixels	1024x768
Contrast Ratio	400:1(typ.)
Display Color	262,144(6bit/colors)
Brightness(cd/m ²)	500
Viewing Angle(CR>=10)	-70~70(H); -60~60(V)
Synchronization Range	31.5~60.0KHz/60~75Hz
Horizontal/Vertical	
Recommended Resolution	1024x768@60Hz,75Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	35 W typical, normal operation
Power Management	VEESA DPMS Compliant
Plug & Play	VEESA DDC 1/2B
Optional Video Input	S-Video, Composite
Optional DVI Input	No
Optional Touch Screen	Resistive, Capacitive, SA W, IR

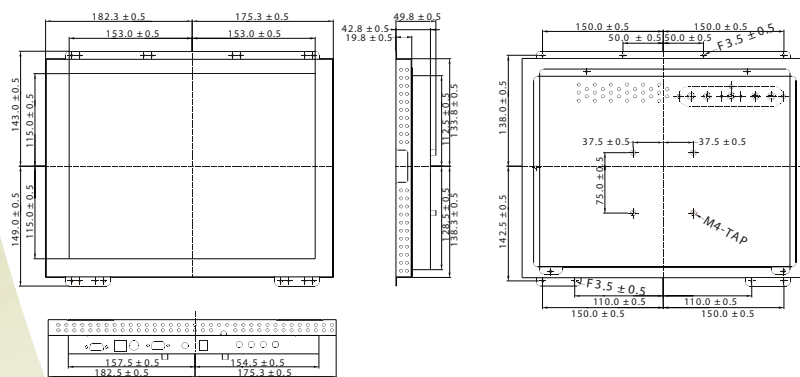
Remarks: GM 11200001, series= VGA input only

GM 11200001 VI, series= VGA+Video Input

*Optional Touch Screen requires different mechanical design.



Mechanical Drawing



UNIT:mm



Features and Benefits

- Full consideration for touch screen installation and applications
- Slim profile for any space-constricted applications
- Flexible choices of touch screen, anti-glare protection glass and audio function
- Versatile stand design for different environment applications
- Multiple choices of colors for matching up the design of environment
- Flexible A/D board R/D design supporting various panel manufacturer standards
- Hot key design for auto-adjustment
- Hot key design for channel switch to VGA, S-Video and CVBS
- VESA mounting standard for mobile application

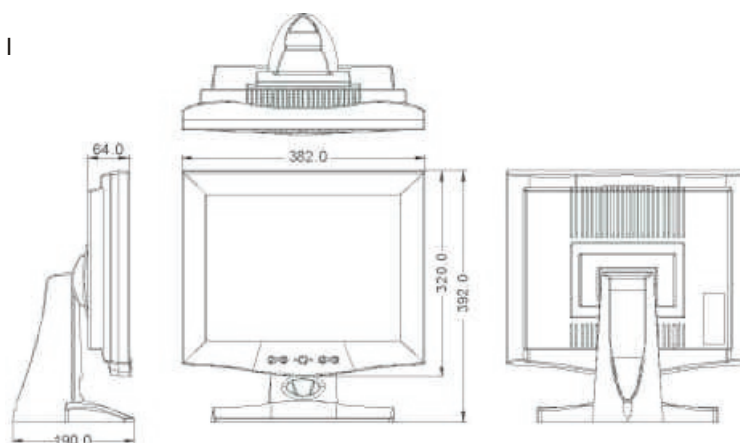
Specifications

Model Name	GM 1120030, GM 1120031
Viewable Size Image	15"
Active Display Area(mm)	304.1(H)x228.1(V)
Pixel Pitch(mm)	0.297(H)x0.297(V)
Number of Pixels	1024x768
Contrast Ratio	500:1(typ.)
Display Color	16.2M(6bit+FRC)
Brightness(CD/m ²)	250
Response time(ms)	16(MS)
Viewing Angle(CR>=10)	-70~70(H); -60~60(V)
Synchronization Range	31.5~60.0KHz/60~75Hz
Horizontal/ Vertical	
Recommended Resolution	1024x768@60Hz,75Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	25W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Speaker	Yes
Optional Video Input	S-Video, Compliant
Optional DVI Input	Yes
Optional Touch Screen	Resistive, Capacitive, SAW, IR
Size & Weight	382mm(W)x392mm(H)x190mm(D) Standard I : Not:5kg(body), Gross:7kg(body and box) Standard II : Not:5kg(body), Gross:7kg(body and box)

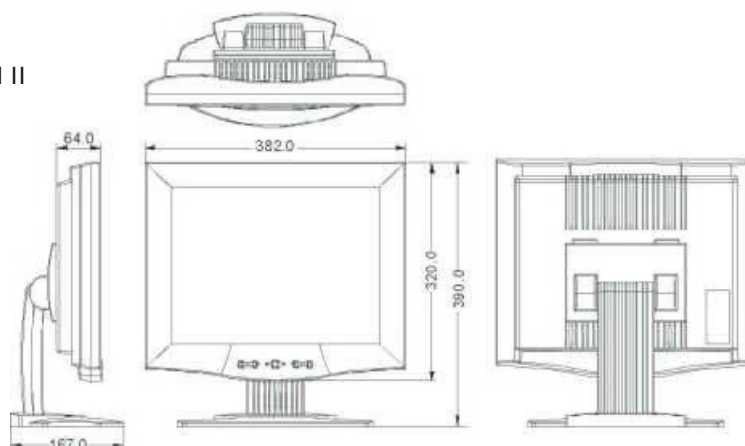
Remarks: GM 1120030 series=VGA input only
GM 1120031 series=VGA + Video input

Mechanical Drawing

● Stand I



● Stand II



Ordering Information

Model Name	Features		Optional Items						
	VGA	Video	Stand I	Stand II	TS or GS	SS	VM	Colors	
GM 1120030-S	●		●		● ●	●	●	○ ● ●	
GM 1120030-T	●			●	● ●	●	●	○ ● ●	
GM 1120031-S	●	●	●		● ●	●	●	○ ● ●	
GM 1120031-T	●	●		●	● ●	●	●	○ ● ●	

Optional Item: **TS** =Touch Screen

GS =Glass

SS =Stereo

VM =VESAMount

Color: ○ =Beige ● =Black ● =Silver(Min Order Required)

Open Frame LCD

17"

Specifications

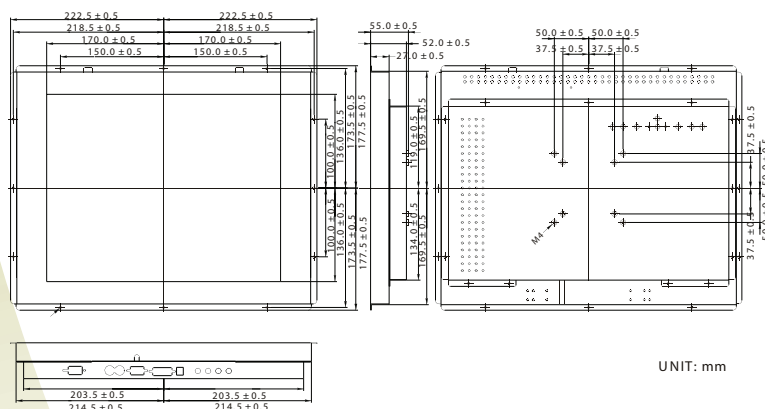
Model Name	GM 1120002
Viewable Size Image	17"
Active Display Area(mm)	337.92(H)x270.34(V)
Pixel Pitch(mm)	0.264(H)x0.264(V)
Number of Pixels	1280x1024
Contrast Ratio	500:1(typ.)
Display Color	16M
Brightness(cd/m ²)	250(typ.)
Viewing Angle(CR>=10)	-85~85(H); -85~85(V)
Synchronization Range	31.5~80.0KHz/56~75Hz
Horizontal/Vertical	
Recommended Resolution	1280x1024@60Hz,75Hz
Signal Connector	15 pin D-sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	32W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video, Composite
Optional DVI Input	Yes
Optional Touch Screen	Resistive, Capacitive, SA W, IR

Remarks: GM 1120002, series= VGA input only

GM 1120002 VI, series= VGA+Video Input



Mechanical Drawing



UNIT: mm

Open Frame+Front Bezel

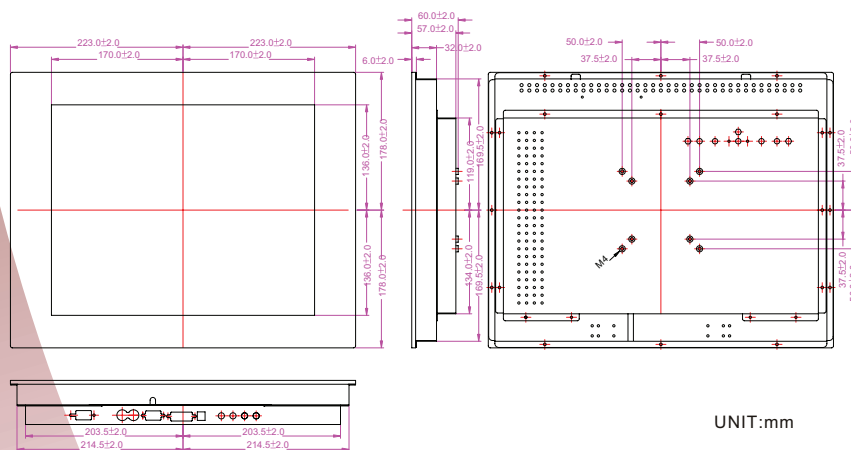
17"

LCD Specifications

Model Name	GM 1120002 ALU
Viewable Size Image	17"
Active Display Area(mm)	337.92(H)x270.34(V)
Pixel Pitch(mm)	0.264(H)x0.264(V)
Number of Pixels	1280x1024
Contrast Ratio	500:1(typ.)
Display Color	16M
Brightness(cd/m ²)	250(typ.)
Viewing Angle(CR>=10)	-85~85(H); -85~85(V)
Synchronization Range	31.5~80.0KHz/60~75Hz
Horizontal/Vertical	
Recommended Resolution	1280x1024@60Hz,75Hz
Signal Connector	15 pin D-sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	32W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video, Composite
Optional DVI Input	Yes
Optional Touch Screen	Resistive, Capacitive, SAW, IR

Remarks: GM 1120002 ALU series= VGA input only

Mechanical Drawing



IP65 Solution

17"

Specifications

RoHS
COMPLIANT
2002/95/EC

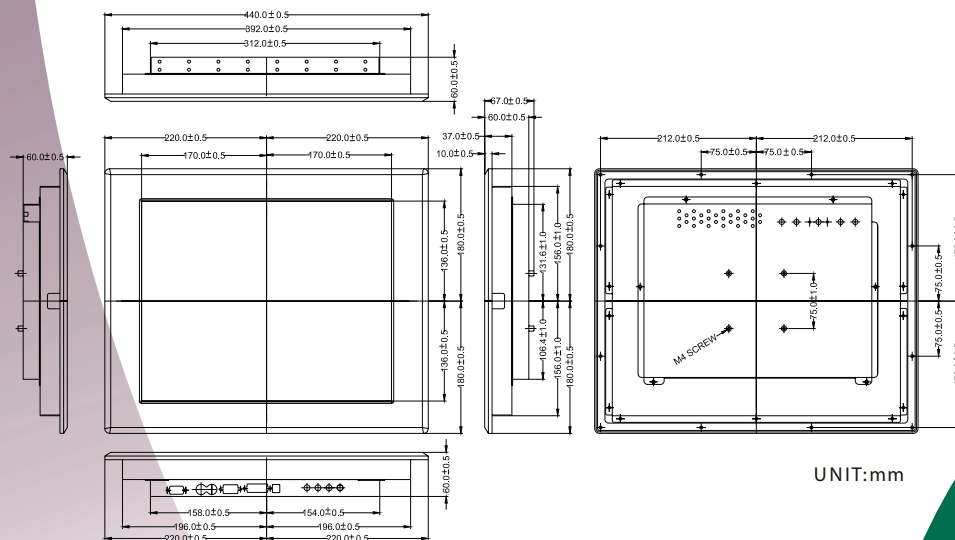
Model Name	GM 1120002 PM
Viewable Size Image	17"
Active Display Area(mm)	337.92(H)x270.34(V)
Pixel Pitch(mm)	0.264(H)x0.264(V)
Number of Pixels	1280x1024
Contrast Ratio	500:1(typ.)
Display Color	16.7M(6bits+FRC)
Brightness(cd/m ²)	300(typ.)
Viewing Angle(CR>=10)	-75~75(H);-60~70(V)
Synchronization Range	
Horizontal/Vertical	31.5~80.0KHz/60~75Hz
Recommended Resolution	1280x1024@60Hz, 75Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	32W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video, Composite
Optional DVI Input	Yes
Optional Touch Screen	Resistive,Capacitive,SAW *

Remarks:GM 1120002 PM = VGA input only

*When adding SAW touch, the IP grade will be IP54



Mechanical Drawing





Features and Benefits

- Full consideration for touch screen installation and applications
- Slim profile for any space-constricted applications
- Flexible choices of touch screen, anti-glare protection glass and audio function
- Versatile stand design for different environment applications
- Multiple choices of colors for matching up the design of environment
- Flexible A/D board R/D design supporting various panel manufacturer standards
- Hot key design for auto-adjustment
- Hot key design for channel switch to VGA, S-Video and CVBS
- VESA mounting standard for mobile application

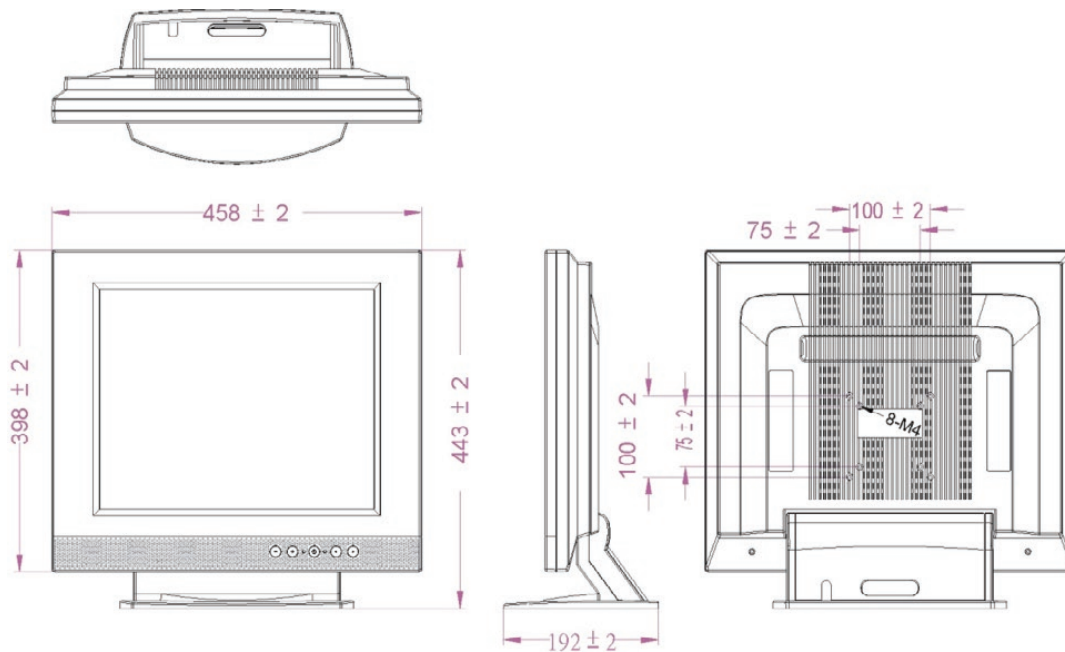
Specifications

Model Name	GM 1120032, GM1120033
Viewable Size Image	17"(16:9)
Active Display Area(mm)	337.92(H)x270.34(V)
Pixel Pitch(mm)	0.264(H)x0.264(V)
Number of Pixels	1280x1024(WXGA)
Contrast Ratio	450:1(typ.)
Display Color	16.7M(8bit/colors)
Brightness(CD/m ²)	280
Viewing Angle(CR>=10)	-70~70(H); -60~60(V)at least
Synchronization Range	31.5~80.0KHz/60~75Hz
Horizontal/ Vertical	
Recommended Resolution	1280x1024@60Hz,75Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	32W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Speaker	Yes
Optional Video Input	S-Video, Compliant
Optional DVI Input	Yes
Optional Touch Screen	Resistive, Capacitive, SA W
Size & Weight	460mm(W)x440mm(H)x192mm(D) Not:5kg(body), Gross:7kg(body and box)

Remarks:GM 1120032 =VGA
GM 1120033 V =VGA

input only
+ Video Input








Mechanical Drawing



UNIT:mm

Ordering Information

Model Name	Features		Optional Items					
	VGA	Video	Stand I	Stand II	TS or GS	SS	VM	Colors
GM 1120032	●		●		● ●	●	●	○ ● ●
	●			●	● ●	●	●	○ ● ●
GM1120032	●	●	●		● ●	●	●	○ ● ●
	●	●		●	● ●	●	●	○ ● ●

Optional Item:  TS =Touch Screen  GS =Glass
 SS =Stereo  VM =VESA Mount
Color:  =Beige  =Black  =Silver(Min Order Required)

Open Frame LCD

19"

Specifications

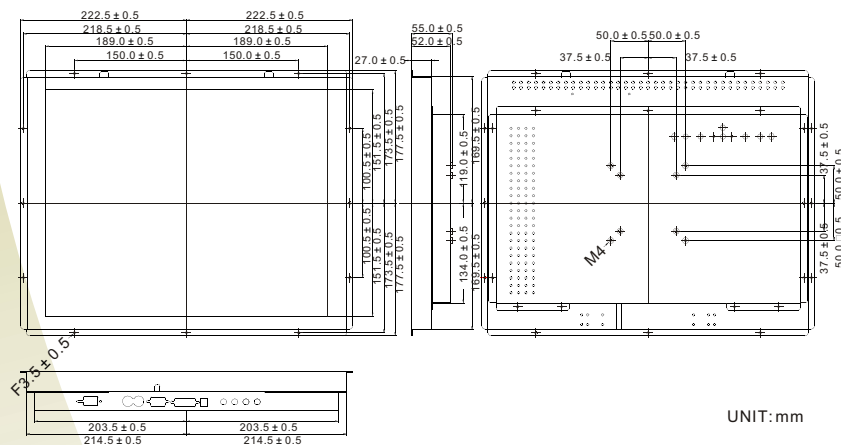
Model Name	GM 1120003
Viewable Size Image	19"
Active Display Area(mm)	376.32(H)x301.056(V)
Pixel Pitch(mm)	0.294(H)x0.294(V)
Number of Pixels	1280x1024
Contrast Ratio	600:1(typ.)
Display Color	16.7M(8bit/colors)
Brightness(cd/m ²)	250
Viewing Angle(CR>=10)	-85~85(H); -85~85(V)
Synchronization Range	31.5~80.0KHz/56~75Hz
Horizontal/Vertical	
Recommended Resolution	1280x1024@60Hz,75Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	35W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video, Composite
Optional DVI Input	Yes
Optional Touch Screen	Resistive,Capacitive,SAW

Remarks: GM 1220003, series= VGAIinput only

GM 1120003 VI, series= VGA+Video Input



Mechanical Drawing



UNIT:mm



Features and Benefits

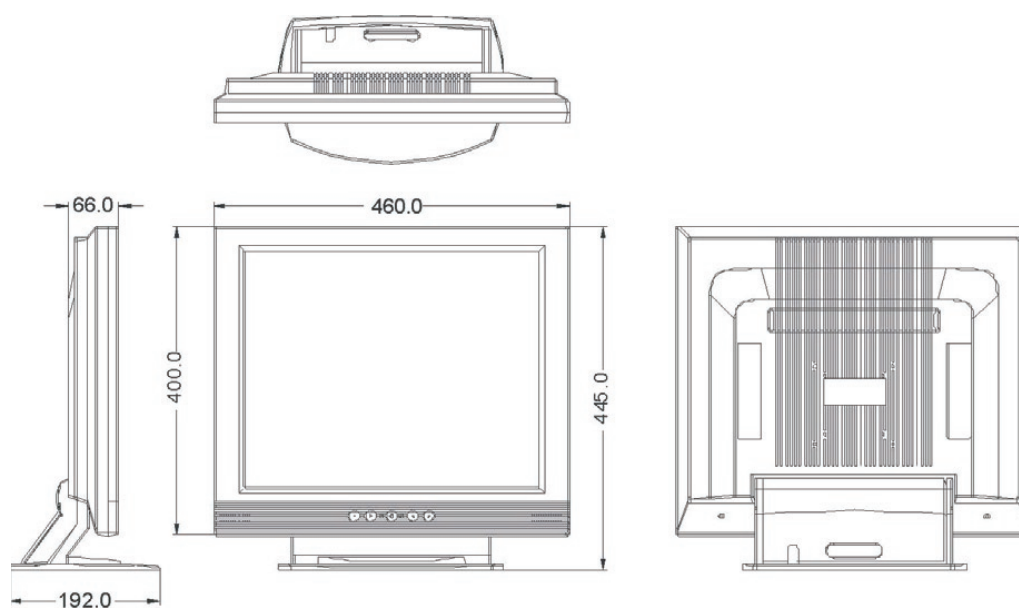
- Full consideration for touch screen installation and applications
- Slim profile for any space-constricted applications
- Two maximum resolution choices: 1280x1024
- Flexible choices of touch screen, anti-glare protection glass and audio function
- Multiple choices of colors for matching up the design of environment
- Flexible A/D board R/D design supporting various panel manufacturer standards
- Hot key design for auto-adjustment
- Hot key design for channel switch to VGA, S-Video and CVBS
- VESA mounting standard for mobile application

Specifications

Model Name	GM 1120034, GM 1120035
Viewable Size Image	19"
Active Display Area(mm)	376.32(H)x301.056(V)
Pixel Pitch(mm)	0.294(H)x0.294(V)
Number of Pixels	1280x1024
Contrast Ratio	1300:1(typ.)
Display Color	16.7M(8bit/color)
Brightness(CD/m) ²	300
Viewing Angle(CR>=10)	-89~89(H); -89~89(V)
Synchronization Range	31.5~80.0KHz/56~75Hz
Horizontal/ Vertical	
Recommended Resolution	1280x1024@60Hz,75Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	35W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video, Compliant
Optional DVI Input	Yes
Optional Touch Screen	Resistive, Capacitive, SA W
Size & Weight	460mm(W)x440mm(H)x192mm(D) Not: 5kg(body), Gross: 7kg(body and box)

Remarks: GM 1120034 - 35 = VGA input only
 GM 1120034 V - 35 V = VGA + Video Input

Mechanical Drawing



UNIT:mm

Ordering Information

Model Name	Features		Optional Items			
	VGA	Video	VM	TS	SS	Colors
GM 1120034	●		●	●	●	○ ● ●
GM 1120032V	●	●	●	●	●	○ ● ●

Optional Item: **TS** =Touch Screen**SS** =Stereo**VM** =VESAMount

Color: ○=Beige ●=Black ●=Silver(Min Order Required)

Open Frame LCD

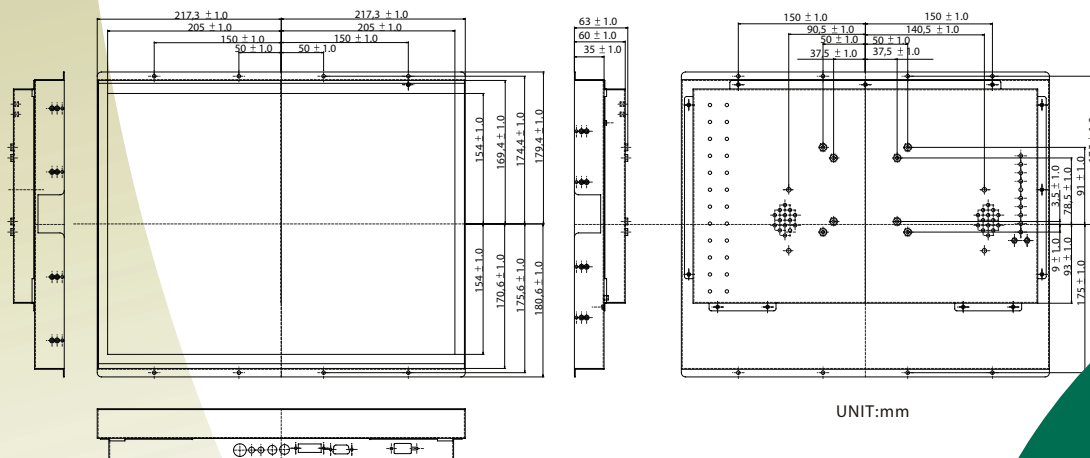
20"

Specifications

Model Name	GM 1120004
Viewable Size Image	20.1"
Active Display Area(mm)	408.0(H)x306.0(V)
Pixel Pitch(mm)	0.255(H)x0.255(V)
Number of Pixels	1600x1200(UXGA)
Contrast Ratio	700:1
Display Color	16.7M(8bit/colors)
Brightness(cd/m ²)	250
Viewing Angle(CR>=10)	-85~85(H); -85~85(V)(typ.)
Synchronization Range	31.5~80KHz/60~85Hz
Horizontal/Vertical	
Recommended Resolution	1600x1200@60Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	60W typical, normal operation
Power Management	VEESA DPMS Compliant
Plug & Play	VEESA DDC 1/2B
Optional Video Input	S-Video, Composite
Optional DVI Input	Yes
Optional Touch Screen	Resistive, SAW

Remarks: GM 1120004 = VGA input only
 GM 1120004 VI = VGA+Video Input

Mechanical Drawing



Specifications

LCD PANEL

Brightness	300 cd/m ²
Contrast Ratio	1000:1
Viewing Angle	170° / 160° (Typ.) 150° / 140° (Min)
Response Time	5ms (Tr+Tf)
Resolution	1680 x 1050 (16:10 wide screen)

DISPLAY FEATURES

Horizontal Frequency	30K ~ 82KHz
Vertical Frequency	50 ~ 75 Hz
Input Resolution	1680 x 1050 @ 60Hz (Analog) 1680 x 1050 @ 60Hz (Digital)
DDC	DDC 2B Compliance
OSD Control	Push button
OSD Language	English, French, Spanish, Italian, Deutsch, Traditional Chinese, Simplified Chinese, Japanese.
Power Management	VESA DPMS

PHYSICAL FEATURES

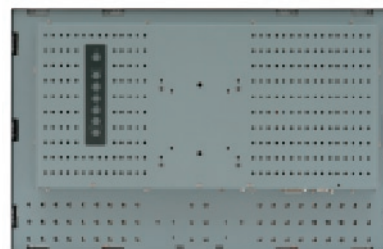
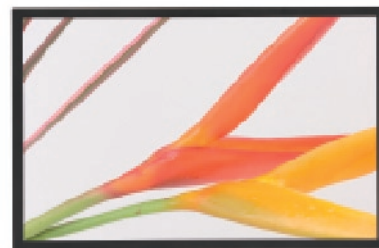
Connector	D-sub VGA / DVI
Dimensions	502.4 x 324.5 x 57.8 mm (WxHxD)
Weight	6 ± 0.5 kg
Wall / Arm Mount Type	100mm x 100mm VESA

POWER CONSUMPTION

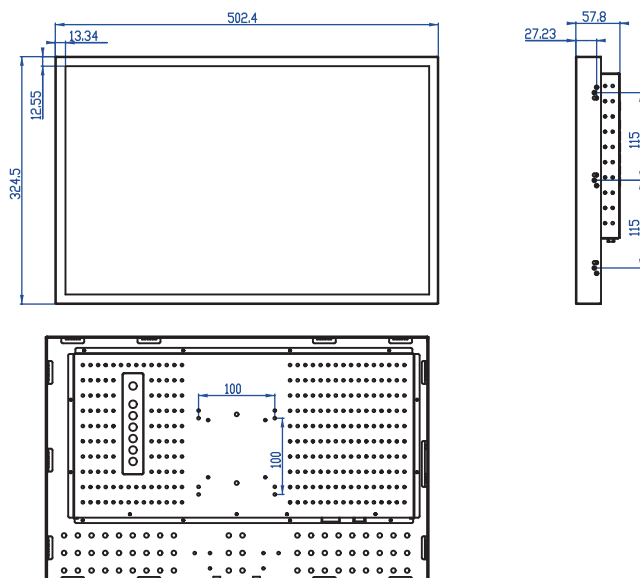
Power Supply	AC 100V~240V (50/60Hz)
Normal Operation	12V - 60W
Suspend / Standby	≤ 22W

ENVIRONMENTAL

Operating Temperature	5°C ~ 40°C
Storage Temperature	0°C ~ 50°C
Operating Humidity	85%RH
Storage Humidity	85%RH



Dimensions



Open Frame LCD

32"(16:9)

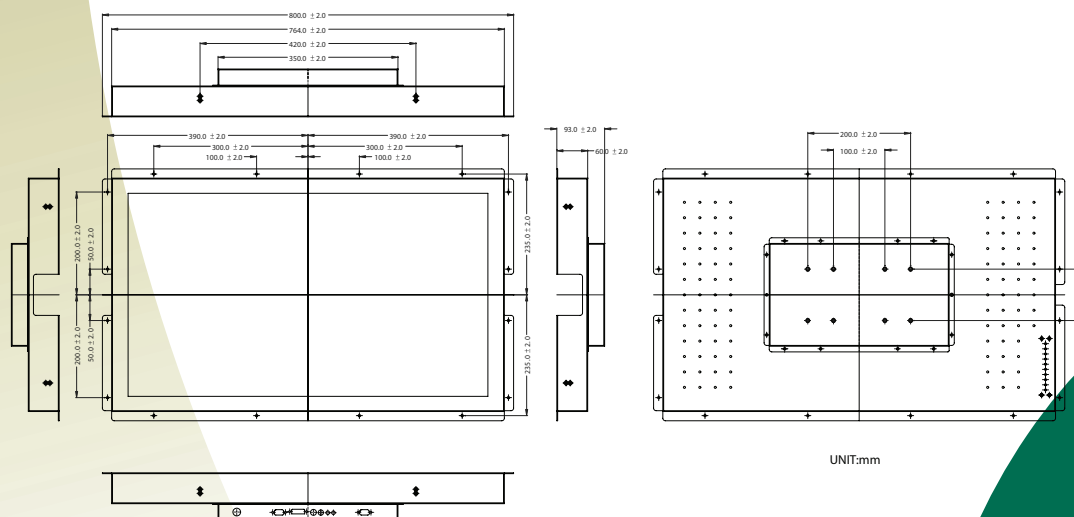
Specifications

Model Name	GM 1120006
Viewable Size Image	31.5"(16:9)
Active Display Area(mm)	697.68(H)x392.26(V)
Pixel Pitch(mm)	0.51075
Number of Pixels	1366x768
Contrast Ratio	800:1(typ.)
Display Color	16.7M(8bit/colors)
Brightness(cd/m ²)	500(typ.)
Viewing Angle(CR>=10)	-85~85(H); -85~85(V)
Synchronization Range	31.5~47.6KHz/50~60Hz
Horizontal/Vertical	
Recommended Resolution	1366x768@60Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, $\pm 10\%$
Power Consumption	150W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video/ Composite
Optional DVI Input	Yes
Optional Touch Screen	SAW

Remarks: GM 1120006 = VGA input only



Mechanical Drawing



Chassis Monitor

32"(16:9)

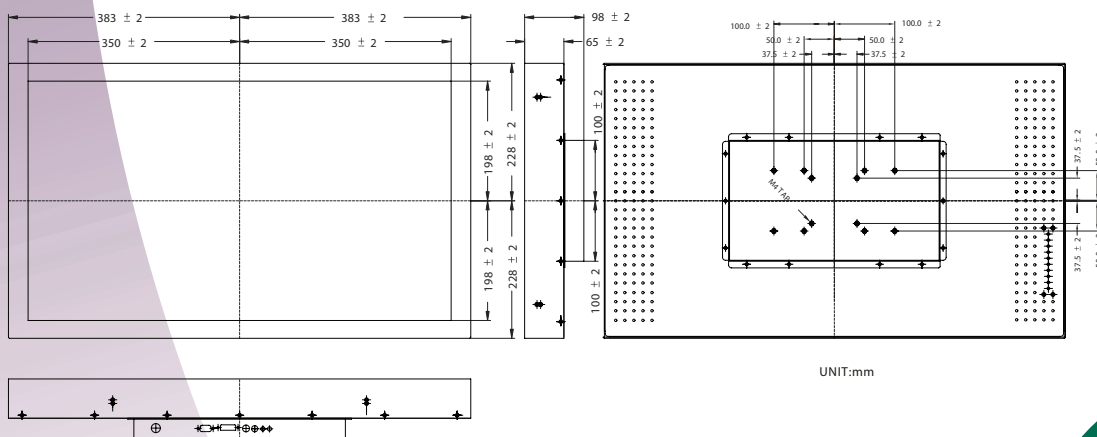
Specifications

Model Name	GM 1120006 ALU
Viewable Size Image	31.5"(16:9)
Active Display Area(mm)	697.68(H)x392.26(V)
Pixel Pitch(mm)	0.51075
Number of Pixels	1366x768
Contrast Ratio	800:1(typ.)
Display Color	16.7M(8bit/colors)
Brightness(cd/m ²)	500(typ.)
Viewing Angle(CR>=10)	-85~85(H);-85~85(V)
Synchronization Range	31.5~47.6KHz/50~60Hz
Horizontal/Vertical	
Recommended Resolution	1366x768@60Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	150w typical,normal,operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video/ Composite
Optional DVI Input	Yes
Optional Touch Screen	NO

Remarks:GM 1120006 ALU = VGA Input only



Mechanical Drawing



32" Sunlight Readable LCD Display

Specifications

LCD PANEL

Brightness	600 cd/m ²
Contrast Ratio	1500:1
Viewing Angle	H:176° / V:176°
Response Time	6.5ms (GTG)
Supported colors	16.7M colors
Resolution	1366 x 768 (16:9)

DISPLAY FEATURES

Horizontal Frequency	30 ~ 65 KHz
Vertical Frequency	56 ~ 75 Hz
Input Resolution	1366 x 768 @ 60Hz (Analog) 1366 x 768 @ 60Hz (Digital)
DDC	DDC 2B
OSD Control	RS232C, Push button, IR Remote Controller
OSD Language	English, Japanese, Chinese

PHYSICAL FEATURES

Connector	15 pin D-Sub / DVI / Component / S-video / AV
Dimensions with Stand	793 x 511.7 x 180 mm (WxHxD)
Weight with Stand	16 kg
Wall / Arm Mount Type	200mm x 200mm VESA

SPECIAL FEATURES

Multimedia	PIP, PAP, Zoom
Fanless Design	Yes
Source Auto Detect	Yes
Communication Port (Transport Protocol)	D-Sub 9 Pin, RJ45 In/Out (RS-232, RS-485 In/Out)

POWER CONSUMPTION

Power Supply	AC 100V ~ 240V (50 / 60 Hz)
Normal Operation	165W
Suspend / Standby	15W
Power Off Mode	15W

ENVIRONMENTAL

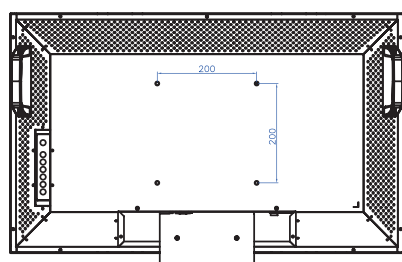
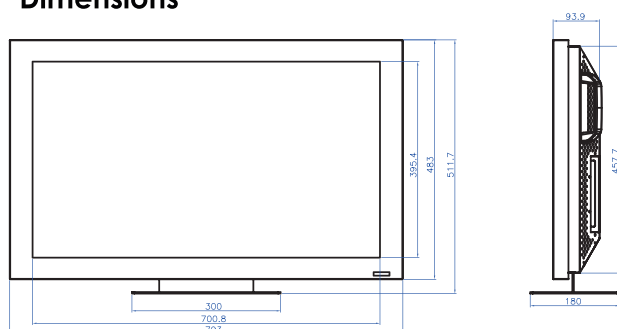
Operating Temperature	5°C~40°C
Storage Temperature	-20°C~60°C
Operating Humidity	85%RH
Storage Humidity	85%RH

OPTIONS

Protective Surface	4mm Tempered Glass (AG/AR)
HD-SDi / SDi	In *1, Out *1 In *2, Out *1



Dimensions



Open Frame LCD

37"(16:9)

Specifications

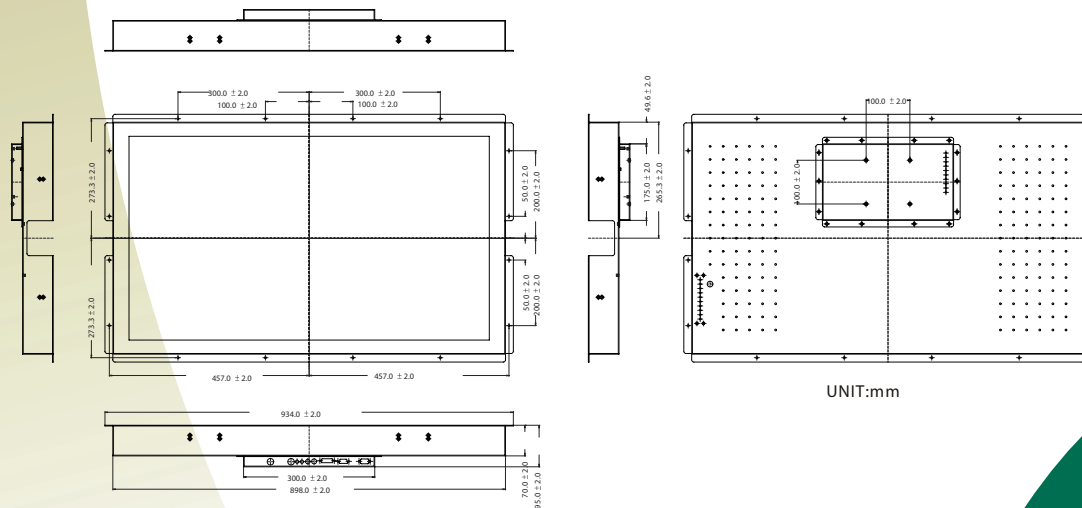
Model Name	GM 1120007
Viewable Size Image	37"(16:9)
Active Display Area(mm)	819.36(H)x460.89(V)
Pixel Pitch(mm)	0.42675X0.42675
Number of Pixels	1920x1080
Contrast Ratio	800:1(typ.)
Display Color	16.7M(8bit/colors)
Brightness(cd/m ²)	550(typ.)
Viewing Angle(CR>=10)	-85~85(H);-85~85(V)
Synchronization Range	31.5~75KHz/56~60Hz
Horizontal/Vertical	
Recommended Resolution	1920x1080@60Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, $\pm 10\%$
Power Consumption	165W typical,normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video/ Composite
Optional DVI Input	Yes
Optional Touch Screen	-

Remarks:GM 1120007 series= VGA

*Optional Touch Screen requires different mechanical design.



Mechanical Drawing



Open Frame LCD

42"(16:9)

Specifications

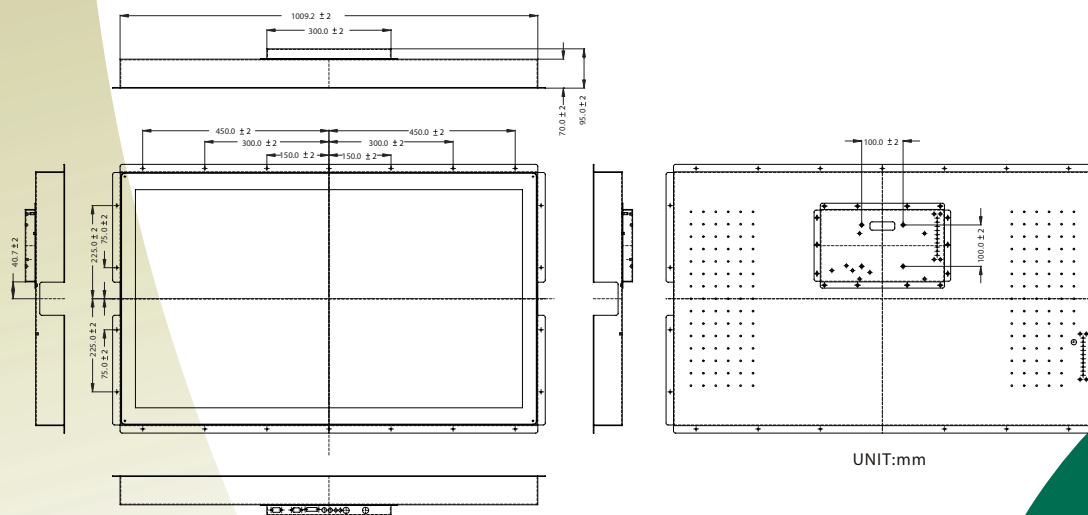
Model Name	GM 1120008
Viewable Size Image	42"(16:9)
Active Display Area(mm)	930.25(H)x523.01(V)
Pixel Pitch(mm)	0.227x0.681
Number of Pixels	1366x768
Contrast Ratio	550:1 (typ.)
Display Color	16.7M(8bit/colors)
Brightness(cd/m ²)	500
Viewing Angle(CR>=10)	-89~89(H); -89~89(V)
Synchronization Range	
Horizontal/Vertical	31.5~75KHz/56~60Hz
Recommended Resolution	1366x768@60Hz
Signal Connector	15 pin D-sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	220W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video, Composite
Optional DVI Input	Yes
Optional Touch Screen	NO available

Remarks: GM 1120008 series= VGA input only

*Optional Touch Screen requires different mechanical design.



Mechanical Drawing



Specifications

LCD PANEL	
Brightness	500 cd/m ²
Contrast Ratio	1200:1
Viewing Angle	H:176° / V:176°
Response Time	6.5ms (GTG)
Supported Colors	16.7M colors
Resolution	1920 x 1080 (16:9)

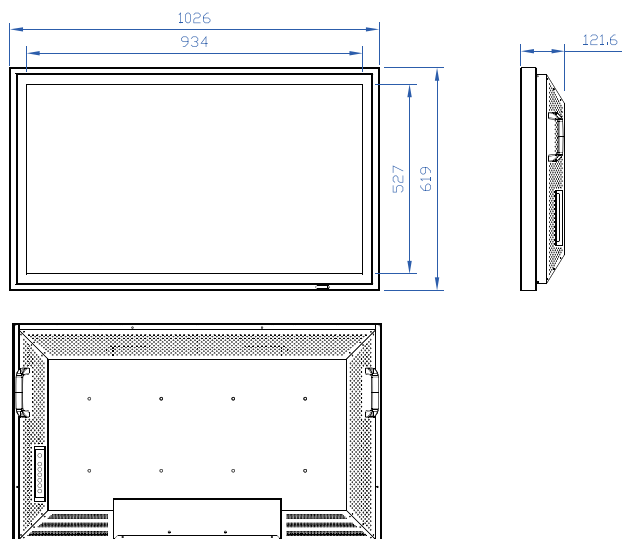
DISPLAY FEATURES	
Horizontal Frequency	30 ~ 80 KHz
Vertical Frequency	56 ~ 75 Hz
Input Resolution	1920 x 1080 @ 60Hz (Analog) 1920 x 1080 @ 60Hz (Digital)
DDC	DDC 2B
OSD Control	RS232C, Push button, IR Remote Controller
OSD Language	English

PHYSICAL FEATURES	
Connector	15 pin D-Sub / DVI / Component / S-video / AV / Audio (optional) HD-SDI BNC (optional)
Dimensions w/o Stand	1026 x 619 x 121.6 mm (WxHxD)
Weight w/o Stand	Net: 29kg Gross: 35kg
Wall / Arm Mount Type	200mm x 200mm / 200mm x 600mm VESA

SPECIAL FEATURES	
Multimedia	PIP, PAP, Zoom
Fanless Design	Yes
Source Auto Detect	Yes
Communication Port (Transport Protocol)	D-Sub 9 Pin In, RJ45 In/Out (RS232C In, RS-485 In/Out)

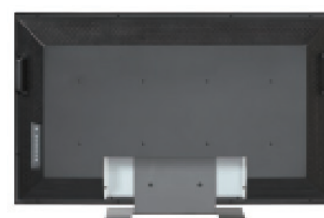
POWER CONSUMPTION	
Power Supply	AC 100V ~ 240V (50/60 Hz)
Normal Operation	less than 250W
Suspend / Standby	less than 20W
Power Off Mode	less than 20W

Dimensions



COMPLIANCE	
Operating Temperature	5°C~40°C
Storage Temperature	-20°C~60°C
Operating Humidity	85%RH
Storage Humidity	85%RH

OPTIONS	
Protective Surface	4mm Tempered Glass (AG/AR)
Audio Amplifier	In *1, Out *1
Speaker	10W x 2EA, 4Ω / 10W+10W(rms)@THD<1%
HD-SDi / SDi	In *1, Out *1 In *2, Out *1



EX98211

Key Specifications/Special Features:

Features

- Intel ULV Celeron M 600 MHz up to LV Pentium M 1.8GHz Processor FSB400MHz
- Support SATA 1.5Gb/s, PCI Slot
- 2 x Gigabit LAN (Realtek 8111B)
- Support LPT/DVI/DIO (Optional)
- CompactFlash Socket for Embedded OS
- Easy HDD Installation
- Easy RAM Installation
- Fanless Design



System

CPU	Intel ULV Celeron M 600MHz up to LV Pentium M 1.8GHz FSB 400MHz
Memory	2 x 240-pin DIMM up to 2GB DDRII SDRAM
Chipset	Intel 910GML + ICH6M
BIOS	AMI Flash BIOS
Flash Disk	1 x CompactFlash Type II Socket
IDE	1 x 44-pin IDE interface, support UDMA33 IDE device
Serial ATA	SATA 1.5Gb/s
Expansion Bus	1 x Mini-card slot 1 x PCI slot
LAN	2 x Realtek RTL8111B Gigabit Ethernet
Cooling System	Fanless
Watchdog Timer	255-level Reset

I/O

Serial Port	1 x DB44 female connectorSupport 4 x RS-232 ports (1 x RS-422/485 port share with COM2)
USB Port	6 x USB 2.0 compliant
KB/MS	1 x 6-pin mini-DIN for KB/MS
LAN	2 x RJ45
VGA	1 x DB15 female connector
Audio	1 x Line-out 1 x MIC
HDD Drive	1 x 2.5" HDD bay (SATA or IDE drive, either one)
LPT Port	1 x DB25 female connector (optional)
DVI Port	1 x DVI connector (optional)
Digital I/O	1 x 12 bit GPIO, 6 in/6 out (DB15) (minimum 4 bit, maximum 16 bit) (optional)

Power Information

Power Input/Switch	1 x 4-pin DC input terminal block combine remote power on/off switch
Input Voltage	DC 10 ~ 28V (Max. to 120W input) 1 x External 120W AC adapter 100~240V AC 2 A 50/60Hz 24 Vdc

Display

Graphics Chipset	Integrated with Intel Graphics Media Accelerator (GMA900)
Graphics Interface	CRT support up to 2048 x 1536. LCD support 18/36 bit LVDS UXGA up to 1600 x 1200. Support dual display (independent display)

Mechanical & Environmental

Operating Temp.	0 ~ 40oC (32 ~ 104oF)
Relative Humidity	10 ~ 95% @ 40oC (non-condensing)
Vibration	17 to 500Hz, 1G PTP
Shock	10G peak acceleration (11m sec. duration)
Dimensions (W x D x H)	195 x 268 x 80 mm (7.68" x 10.55" x 3.15")

Ordering Information

EX-98211	Fanless Intel Celeron/Pentium M BOX PC with LAN/VGA slot
Assembly	DVI cable/LPT cable/DIO cable (12 bit) RJ11 cable for RS-422/485 (optional w/ WiFi)

Specifications



GM 1120040

- **Processor**
Intel Pentium M and Celeron M processor up to 1.5GHz
- **Memory**
Supports up to 2GB of 0.8" low profile DDR 266/333 MHz DIMM
- **Core Logic**
Intel 855GME / ICH 4 (North / South)
- **Video**
Intel Extreme Graphics 2 (Option : TV out, DVI, 18 bit LVDS)
- **Audio**
Software AC '97 Audio CODEC
- **LAN**
Built-in high speed Ethernet 100/10Mbps LAN controller (option : Giga lan, Wifi)
- **FireWire**
Built-in OHCI 1394a 1.1 compliance
Support up to 400Mb transfer rate
- **USB 2.0**
Integrated 3 independent OHCI controller supporting USB 1.1 ports
Integrated 1 EHCI controller supporting USB 2.0 ports
Dynamic connection support to USB 2.0 or USB 1.1 devices
- **IDE**
Dual Independent ATA-100/66/33 support
- **Hardware Monitor**
System, processor temperature, voltage
- **Power Management**
ACPI 1.0b compliance and OS direct power management
Wake-on event: RTC/USB Keyboard/Modem/LAN/Keyboard/Mouse
- **Switch and Jumpers**

Front Panel:	Back Panel:
1 x IEEE 1394 Firewire port	1 x RS232 COM port (Option : 4 Com port)
1 x USB 2.0 / 1.1 Port	1 x Parallel printer port
1 x MIC Port	1 x RJ45 10/100Mb Fast Ethernet
1 x Ear Phone output Jack	1 x Line-Out output Jack
Power-on button	2 x USB 2.0 / 1.1 Ports
Reset button	1 x 15 pin VGA
Power-on and HDD LED	1 x 12v DC Power Jack input
- **Dimension & Weight**
25.5 x 15.5 x 5.5 cm
2.5KG (fully equipped)
- **AC/DC Adaptor**
Input 100~240V 60 Watt AC Universal
Output 12V DC out
- **Support Storage Devices**
Support all Standard Slim CD-ROM/DVD-ROM, CD-RW, DVD-RW Combo
Support all 2.5" standard IDE hard drive, ATA-100/66/33 (Option : CF card, PCMCIA)
- **Accessories**

GM 1120040 RAM	Extra RAM
GM 1120040 CD	Extern CD/DVD, USB
GM 1120040 C1	Extra 1xRS232 comport
GM 1120040 C3	Extra 3xRS232 comport
GM 1120040 F1	USB Flash 1 GB
GM 1120040 F2	USB Flash 2 GB
GM 1120060	Industri HD 40 GB 2,5"
GM 1120061	Flash Disk 4 GB
GM 1120062	Flash Disk ? GB
- **OEM Windows software**

GM 1120070	Windows XP Pro SP2 OEM
GM 1120071	Installation of Windows XP Pro

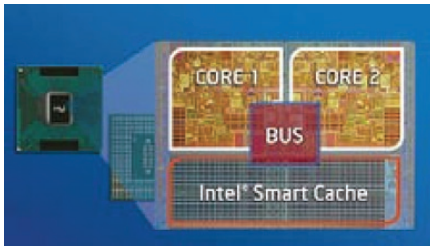
Intel® Core™2 Duo Fanless Embedded System with one PCI slot



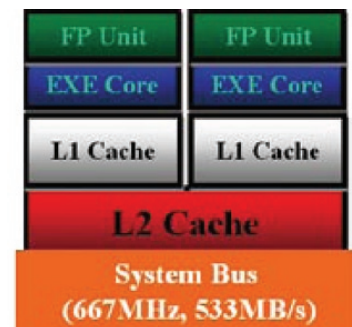
Features

- ◆ Intel® Core™2 Duo Fanless design support up to T7400
- ◆ 1 x PCI expansion slot with max. 155 mm card length
- ◆ VGA + HDTV display interface with HD audio support
- ◆ Peripheral expansion includes six USB ports and four serial ports
- ◆ 9 VDC - 36 VDC power input

Dual-Core Intel Processor Benefits



- Two physical cores in a package to share system load
- Each with its own L1 cache and share the L2 cache to enhance processing speed
- Each with its own execution resources with truly parallel multi-tasking and threaded execution. Increased throughput.

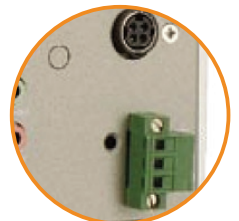


Specifications

Processor	Intel® Core™ Duo 1.66GHz, 2MB L2 cache, processor T2300E Intel® Celeron® M 1.86GHz 1MB L2 cache, processor 440
Chipset	Intel® 945GM+ICH7M
System Memory	2 GB DDR2 SDRAM pre-installed
Ethernet	2 x PCIe Broadcom GbE
Display	CRT/TV-out interface integrated in 945GM, with one VGA and one 7-pin mini DIN port
USB	6 x USB 2.0
Serial Port	4 x RS-232
Audio	7.1 channel HD audio
PS/2	1 x KB / 1 x MS
Expansions slot	1 x PCI
Storage	1 x 2.5" SATA HDD capacity 1 x CompactFlash slot, front-accessible
Power Input	12 VDC in with 4pin mini-DIN 9 VDC - 36 VDC input by terminal block
Chassis Construction	Aluminum alloy with heavy duty metal
Operating Temperature	0~40°C- consumer hard drive 0~50°C- automotive hard drive / CompactFlash™ disk
Weight (Net/Gross)	4.1 kg / 6 kg
Dimensions (D x W x H)	222.2 mm x 210.2 mm x 99.49 mm
Mounting	Wall mount
EMC/Safety	CE, FCC class A

Wide Range DC Power Input

GM 1120041 can take any DC input voltage from 9V to 36V. It has two input interfaces: 3-pin terminal block or 4-pin mini DIN jack.



Powerful yet Fanless



80% of the enclosure of the GM 1120041 is made of extruded Aluminum alloy fins. By using these parts directly as the system cooler, the GM 1120041 can operate fanless at under 40°C*.

* The operating temperature test as per IEC-68-2-3.

***Operating Temperature :** with Intel® Core™2 Duo 2.16 GHz
 0~50°C with CompactFlash™ disk /
 automotive hard drive
 0~40°C with consumer hard drive

Dual Display & HD Audio



VGA Port
 CRT interface

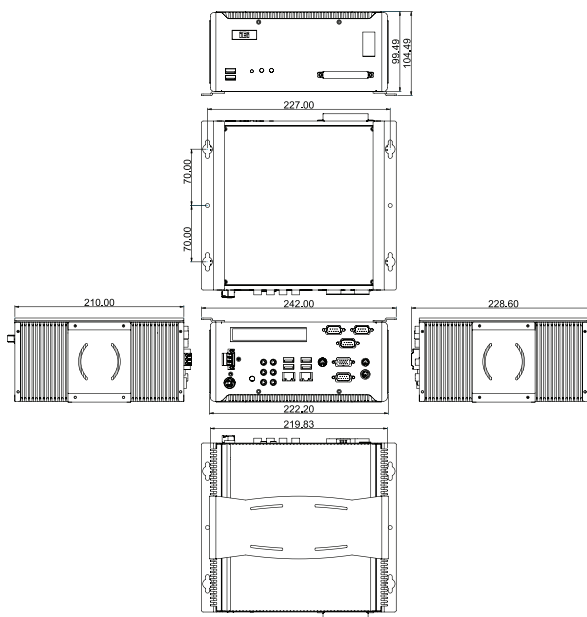


TV-out Port
 • Supports S-Video, Component and Composite video signal output
 • Component output up to 1080i/1080p



HD audio
 • 7.1 channel high definition audio entertainment
 • Supports two independent audio output streams

Dimensions unit: mm



Ordering Information

Part No.	Description
GM 1120041	Fanless embedded system with one PCI slot, Intel® Celeron® M 1.86 GHz 1 MB L2 cache, processor 440, Intel® 945GM with ICH7M, 2 GB DDR2 memory, 9~36 VDC in, 120 W AC power supply, silver, RoHS HD 80 GB



GM 1130020 Extender is a console extender with built-in USB and automatic signal compensation function. It allows remote users to connect and access to the computer via the console conveniently. This allows users to deploy system equipment in a safe environment for managing highly confidential data systems.

Features:

Uses Cat 5E cable to connect the local and remote units(up to 100m apart)- We strongly recommend that you use Cat 5E STP cable.

Dual Console Operation-control your system form both the local and remote USB keyboard, USB mouse, and monitor consoles.

Support USB keyboard and USB mouse.

Push button selection -sequential selection between local and auto mode.

Automatic Gain Control-automatically adjusts signal strength to compensate for distance.

USB overcurrent detection and prevention.

High video resolution, up to 1280x1024.

Supports DDC,DDC2, and DDC2B for local monitor.

Supports VGA, SVGA, and Multisync Monitors.

OS Compatibility: DOS&12289;WIN98&12289;WIN ME&12289;WIN 2K&12289;WIN 2003&12289;WIN XP and LINUX.

Package Content:

- 1x USB Console Extender (Local Unit)
- 1x USB Console Extender (Remote Unit)
- 1x USB KVM Cable
- 2x Power Adapters
- 1x User Manual

Specification:

Connectors Console
(Local) Keyboard 1 x USB Type A Female
Video 1 x HDB15 Female (Blue)
Microphone N/A
Unit to Unit 1 x RJ45 Female
Computers Keyboard 1 x USB Type B Female
Video 1 x HDB15 Male (Blue)
Mouse 1 x USB Type B Female
Speaker N/A
Microphone N/A
Console
(Remote) Keyboard 1 x USB Type A Female
Video 1 x HDB15 Female (Blue)
Mouse 1 x USB Type A Female
Connection 1 x RJ 45 Female
Speaker N/A
Microphone N/A
Power Jack 1

Firmware upgrade na
LEDs (Local) Local 1 (Green)
Remote 1 (Green)
LEDs (Remote) Status 1 (Green)
On Line 1(Green)
Emulation Keyboard/Mouse USB
Switches Auto Mode 1 Momentary Switch
VGA Resolution 1280 x 1024
Maximum Distance 150m [500']
Power Consumption AC9V 6.8W (Local)
AC9V 7.4W (Remote)
Housing Plastic
Weight Local 0.3Kg
Remote 0.22Kg

Dimensions Local 13 x 10 x 3.5cm
Remote 13 x 10 x 3.5cm



GM 1130021 provides 3 different models of PS/2 Console Extenders, GM 1130021 which conveniently allows remote access to your system unit via console, including keyboard, monitor and mouse. The set up is plug-n-play so no extra tools or software is required. The GM 1130021 can allow 2 users, a remote and a local user, from a distance of 150 m using a special Category 5E STP cable, thus reducing cable bulk. For users requiring optimum video resolution, the GM 1130021 is the ideal solution for safe storage of system equipment and sensitive data in a secure environment.

Features :

Built-in ASIC for Greater Reliability and Compatibility
 Category 5E Ethernet Cable to Connect the Local and Remote Units -Up To 150 m Apart
 Dual Console Operation - Control Your System From Both the Local and Remote PS/2 Keyboard, Mouse, and Monitor Consoles
 Push Button Selection of the Active Console
 Local Monitor Supports DDC2B

Package Content :

1 GM 1130021 KVM Extender (Local Unit)
 1 GM 1130021 KVM Extender (Remote Unit)
 1 CS Custom KVM Cable
 2 Power Adapters (AC9V, 1A)
 1 User Manual
 1 Quick Start Guide

Specification :

Connectors Console
 (Local) Keyboard 1 x Mini Din 6 Female (Purple)
 Video 1 x HDB15 Female (Blue)
 Mouse 1 x Mini Din 6 Female (Green)
 Unit to Unit 1 x RJ45 Female
 Computers (Local) Keyboard 1 x Mini Din 6 Female (Purple)
 Video 1 x HDB15 Male (Blue)
 Mouse 1 x Mini Din 6 Female (Green)
 Remote Keyboard 1 x Mini Din 6 Female (Purple)
 Video 1 x HDB15 Female (Blue)
 Mouse 1 x Mini Din 6 Female (Green)
 Connection 1 x RJ 45 Female
 Power Jack 1 x DC Jack
 Power Adapter Jack 1 x DC Jack
 LEDs (Local) Local 1 (Green)
 Remote 1 (Green)
 LEDs (Remote) Status 1 (Green)
 On Line 1 (Green)
 Emulation Keyboard/Mouse PS/2

Maximum Distance 150m
 Power Consumption AC9V 2.7W (max)
 Housing Plastic
 Weight Local 300g
 Remote 220g
 Dimensions Local 130 x 100 x 35mm
 Remote 100 x 85 x 25 mm
 VGA Resolution 1280 x 1024

Unikke indbygningsløsninger

Ønsker du at få dit edb-udstyr ekstra godt beskyttet til brug i sterilrum eller lignende steder, producerer vi det specielt efter dine behov.

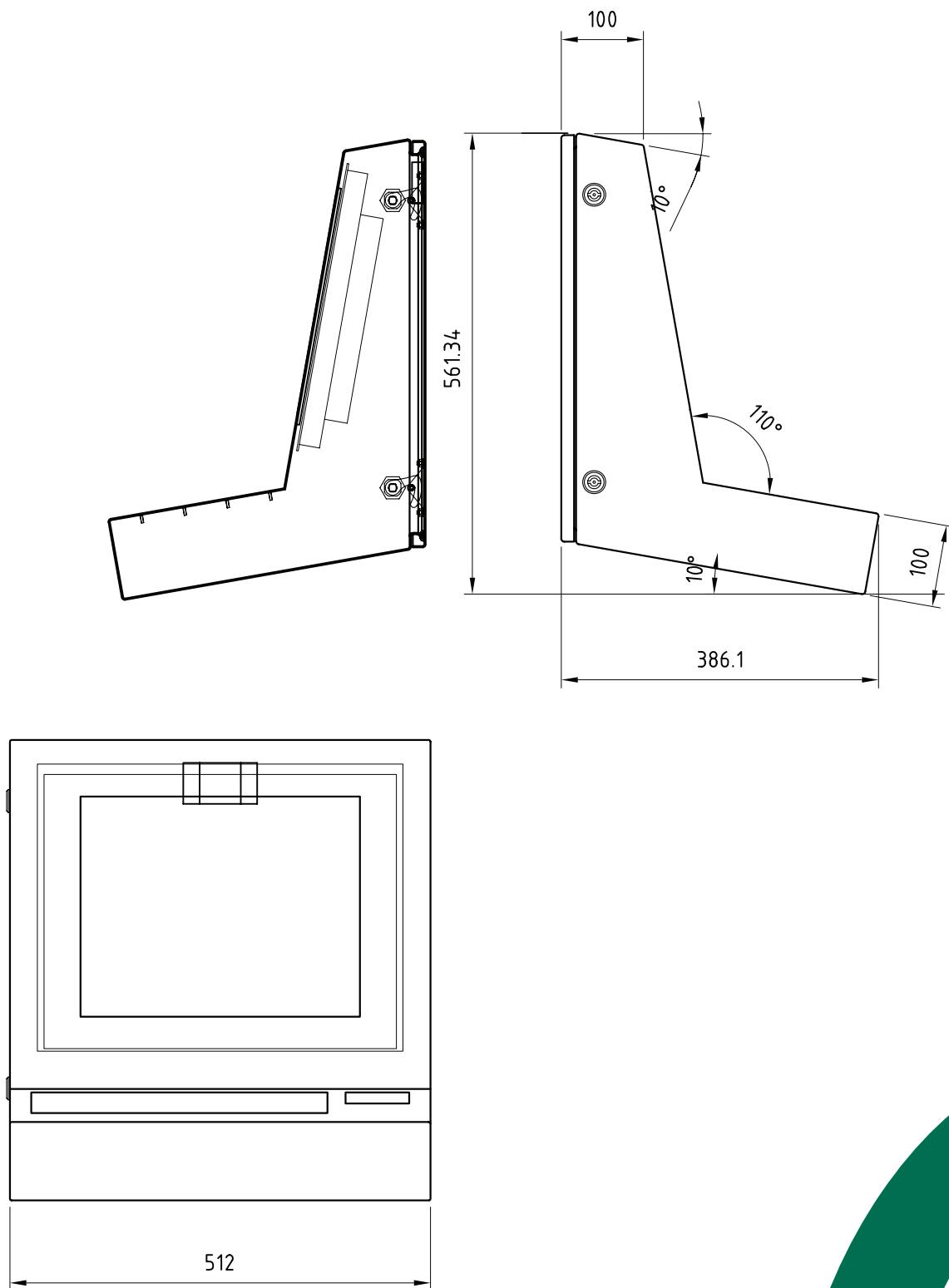
Ring og hør nærmere

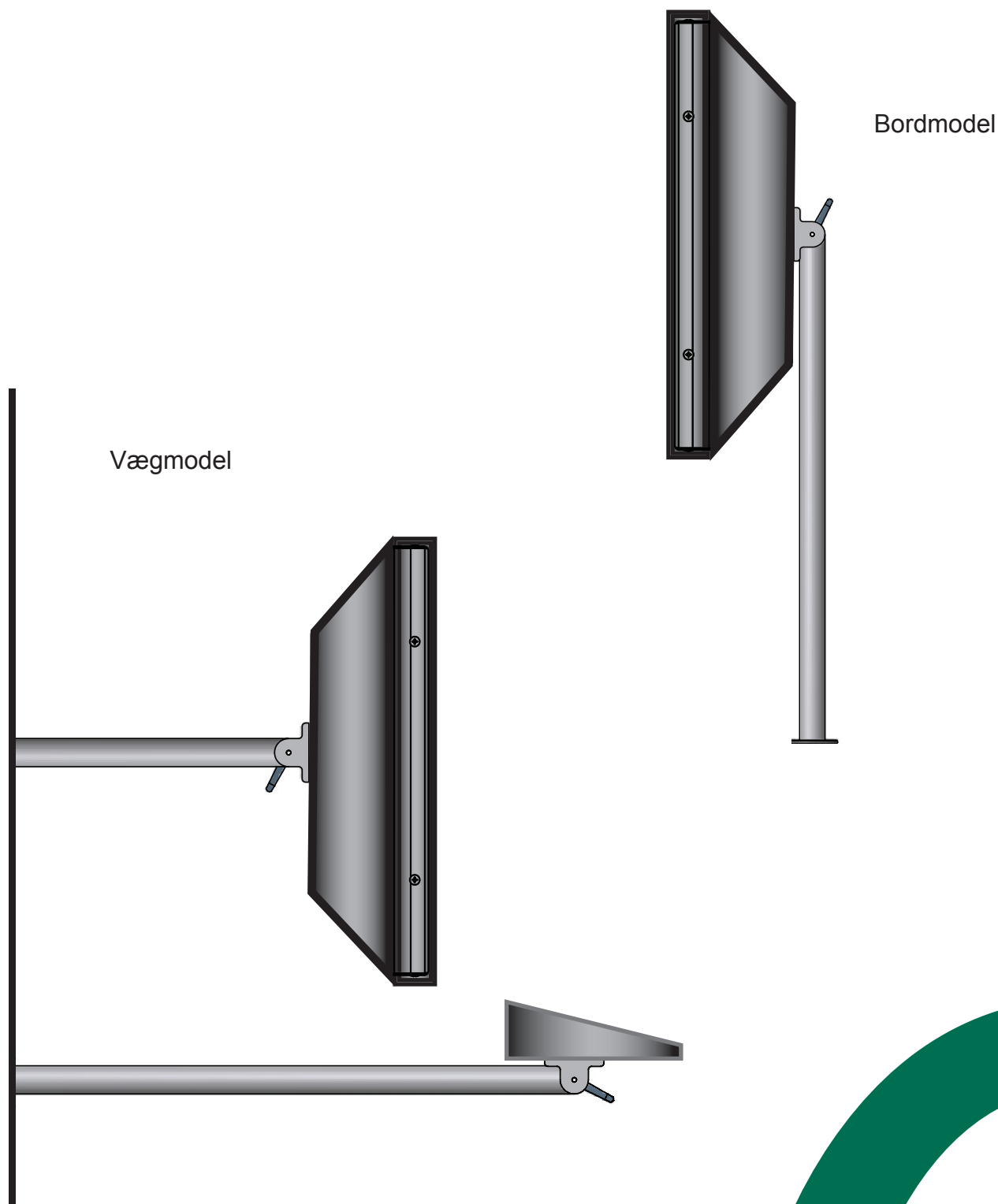


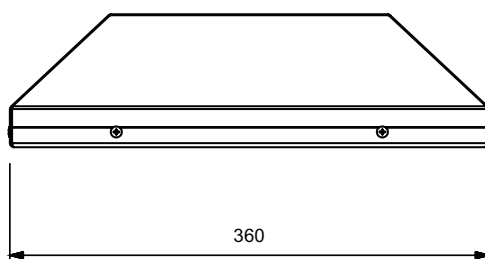
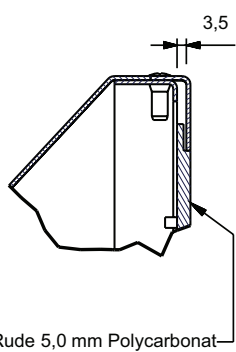
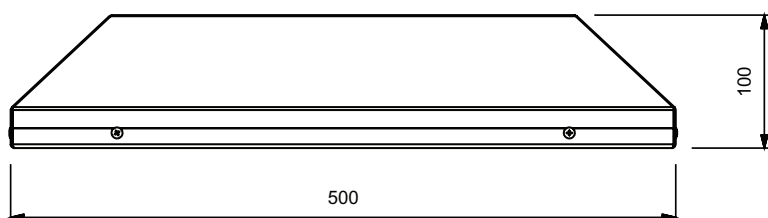
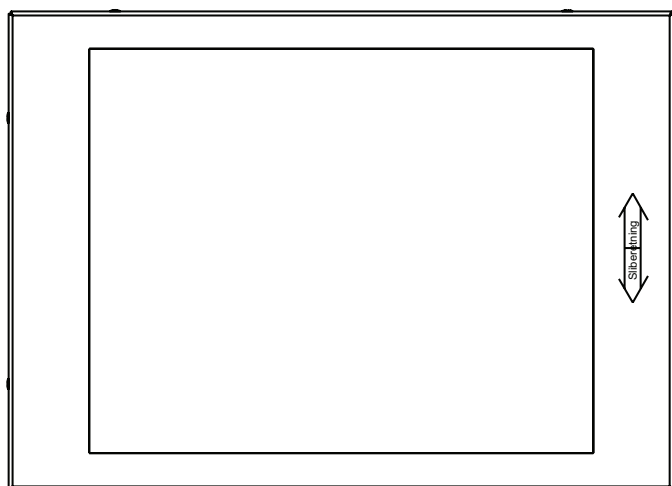
Eksempel på EDB opstilling i sterilrum



Eksempel på skærm, tastatur og mus indbygget i pult







Med GM 1121003 stander får man en række bevægelsesmuligheder til sin fladskærm og dermed en bedre ergonomi.

- Højdejusteres let op til 13 cm
- Fladskærm kan vippes op og ned
- Drejefunktion
- Passer til fladskærme op til 7,2 kg
- VESA monteringsstandard
- 3 års garanti

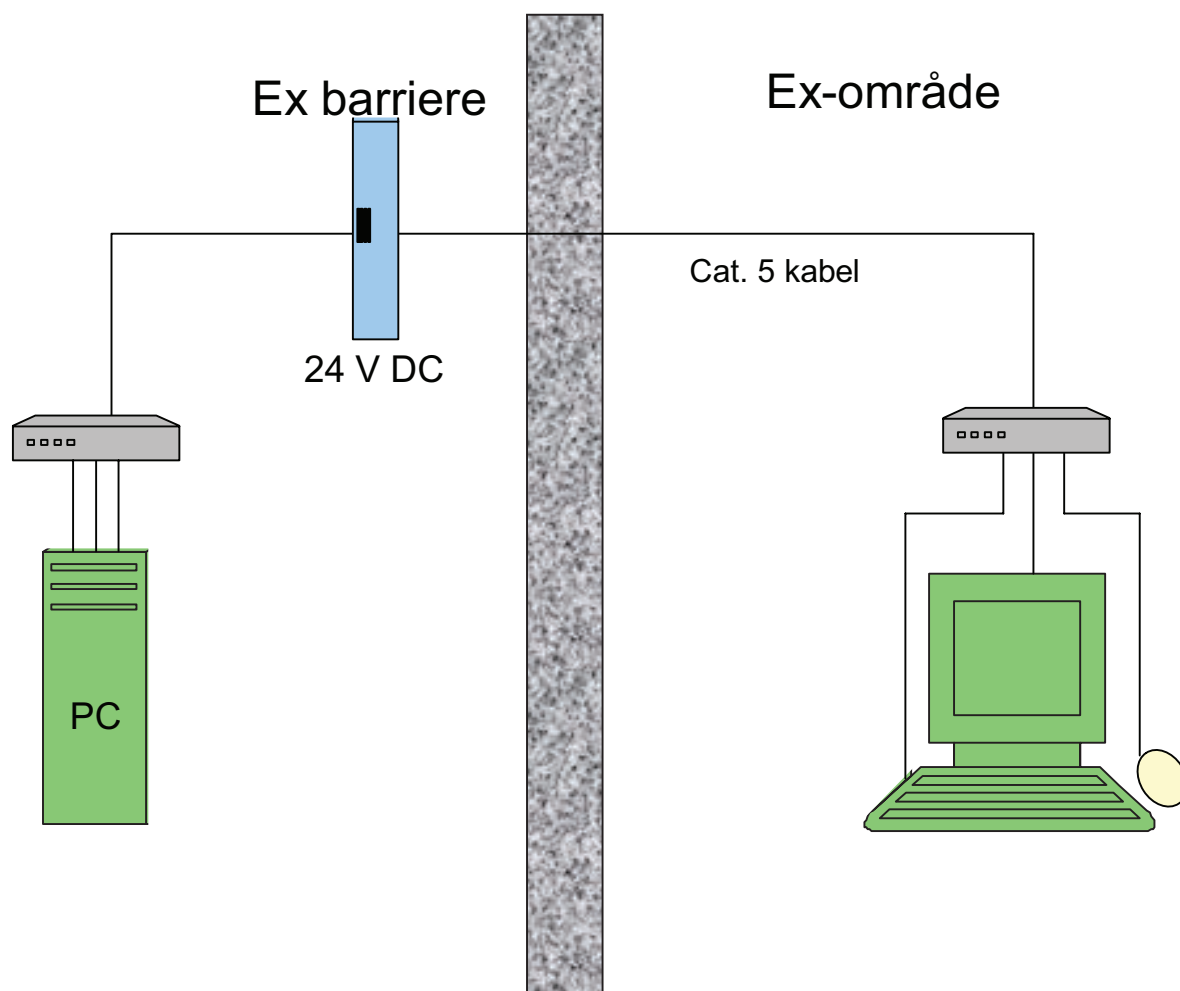
Vare nr. GM 1121003



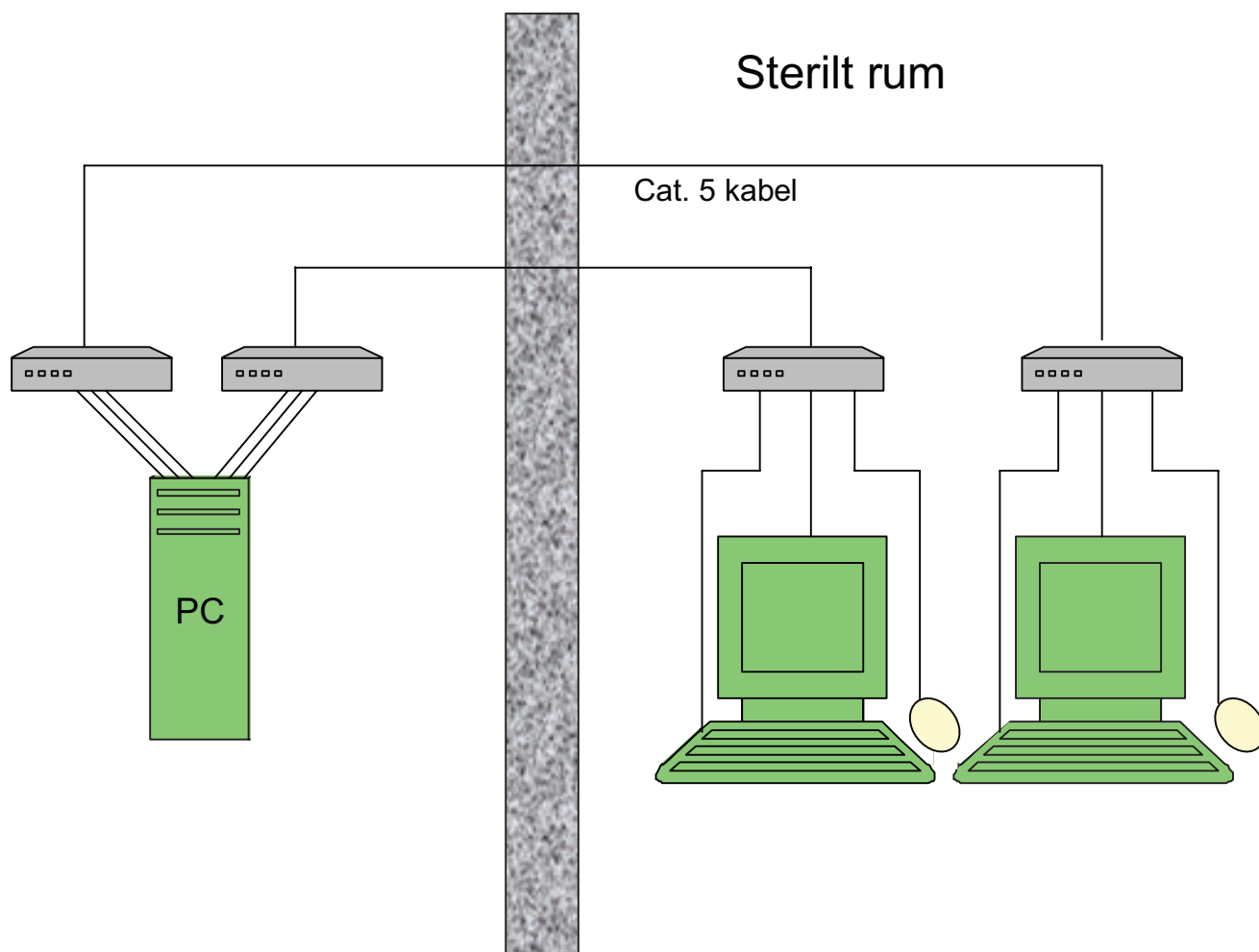
GM 1120101



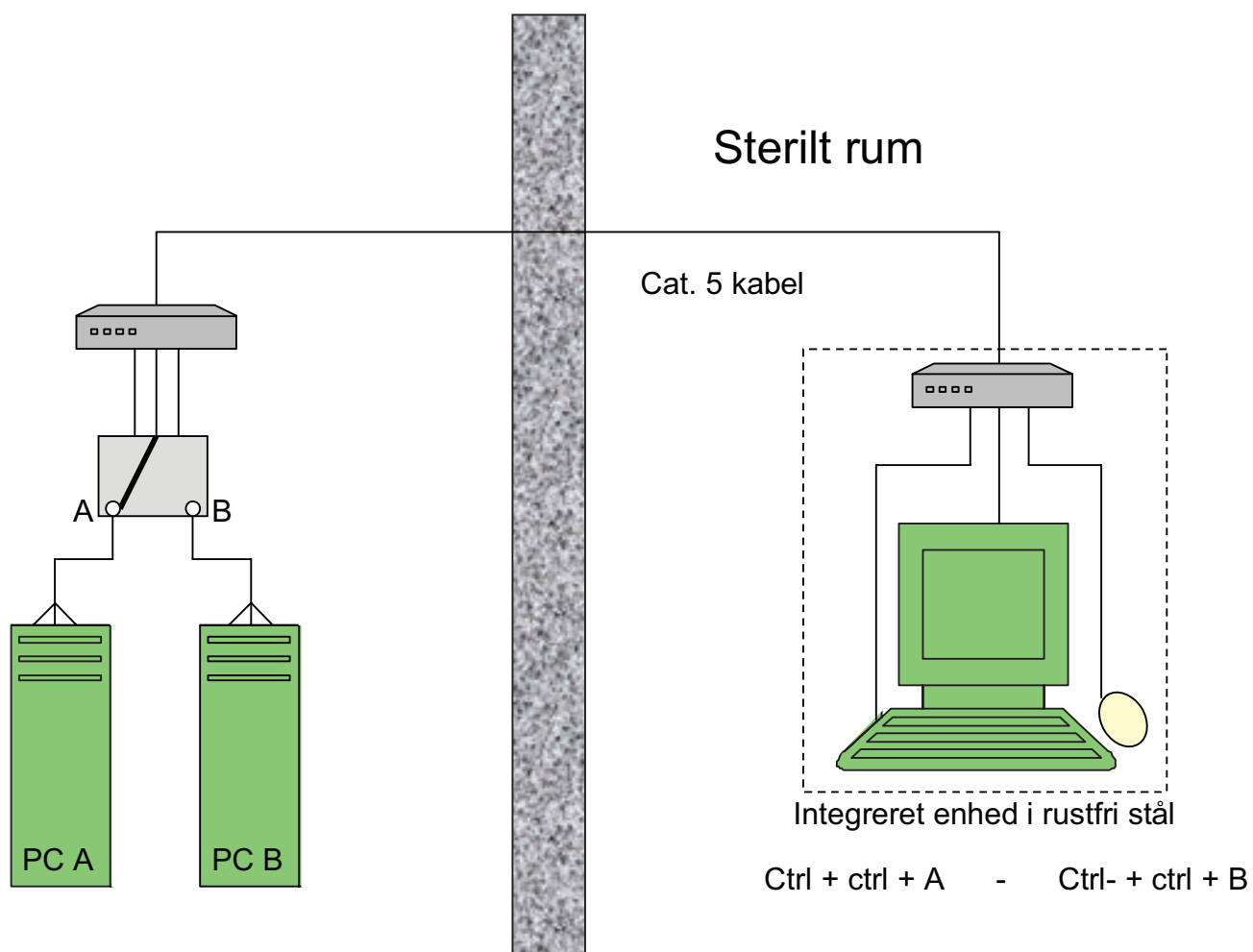
1 PC og 1 terminal i EX-miljø



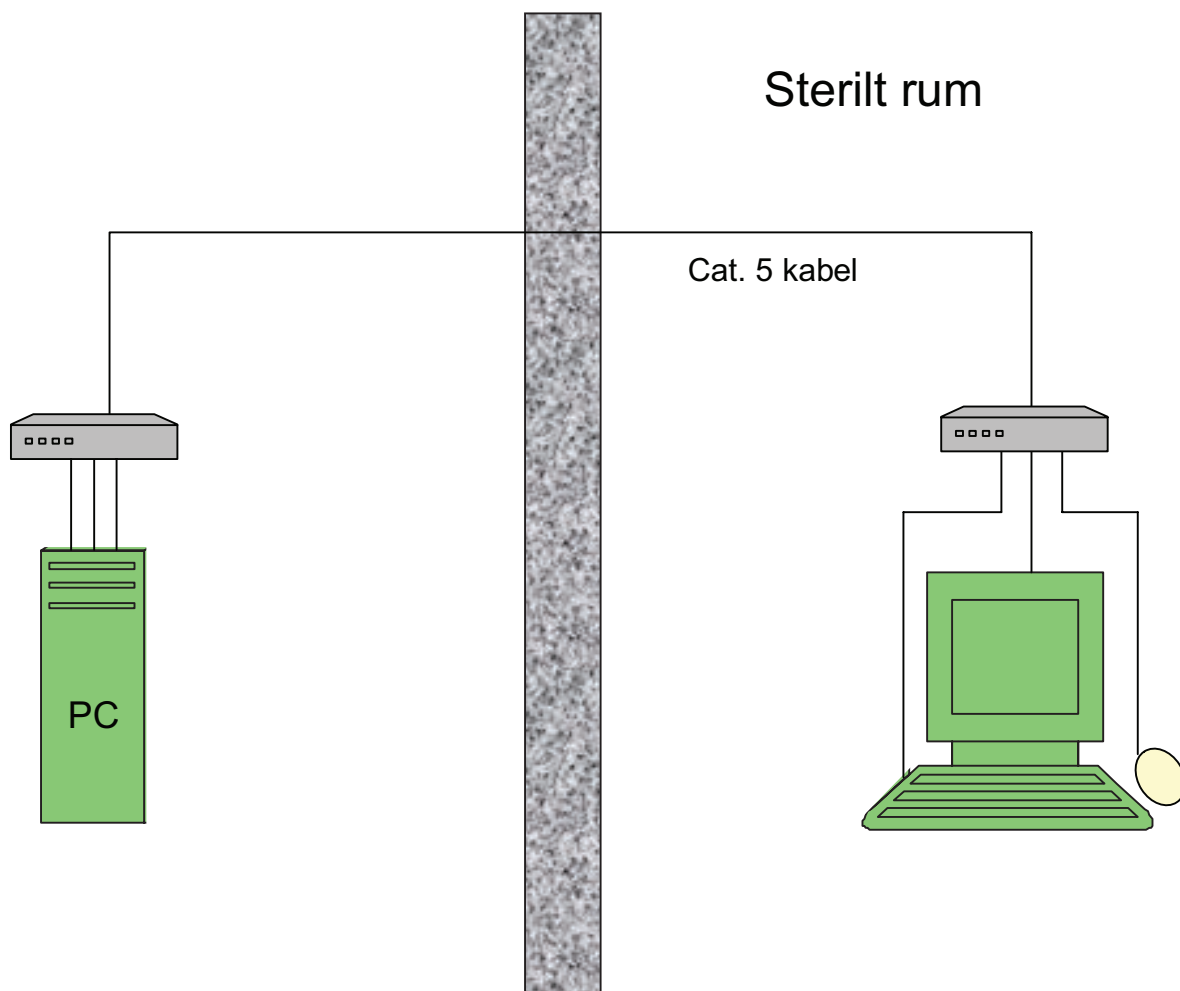
1 PC og 2 terminaler i sterilt rum



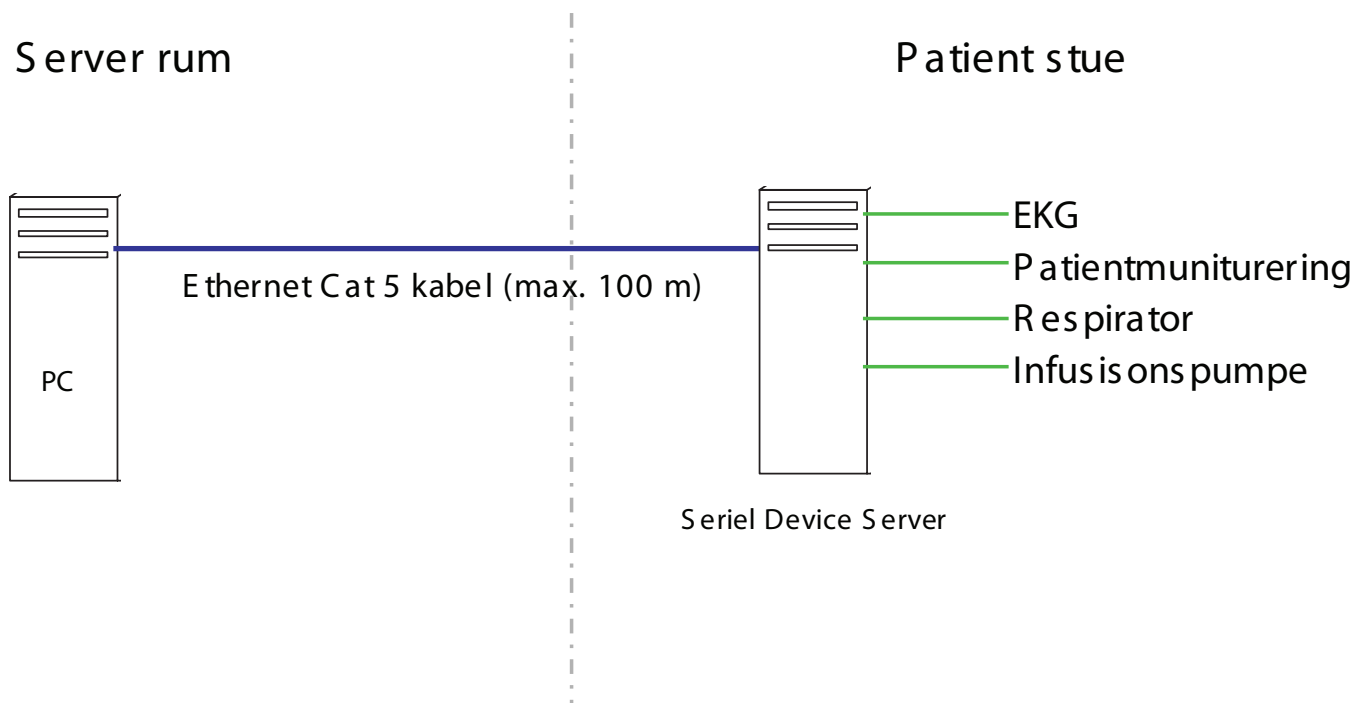
2 PC'er og 1 terminal i sterilt rum



1 PC og 1 terminal i sterilt rum



Intensiv



Cat 5 kabel type: Belden 7989 eller 7988 eller 7987

Bestillingsnummer: GM 113 02 00

